

The European Union – Turkmenistan Sustainable Energy Days 2023

Lectures for faculty members and students of the State Energy Institute of Turkmenistan

15 December 2023

State Energy Institute of Turkmenistan, Mary
(hybrid format)

Lectures to professors, teachers and students of the State Energy Institute of Turkmenistan will be organised to provide key stakeholders from Turkmenistan, EU Member States and Energy Community Contracting Parties with the opportunity to exchange on key issues and approaches in developing and implementing sustainable energy policies.

Topics of lectures

<u>1. What goes beyond the energy efficiency in the building sector?</u>	
<p>Karolis Janusevicius Expert in energy efficiency SECCA https://secca.eu Associate Professor <i>Vilnius Gediminas Technical University</i> https://vilniustech.lt/index.php?lang=2</p>	
10:00-10:30	<p>Main issues to be discussed:</p> <ul style="list-style-type: none"> ✓ Energy efficiency of buildings ✓ Energy performance of buildings, including near-zero energy buildings ✓ Building life cycle analysis ✓ Building decarbonisation and zero-emission buildings ✓ Sustainable buildings <p>Q&A</p>
<u>2. Ecodesign and energy labelling of electric appliances – prospects and challenges</u>	
<p>Linda Rinkule (ONLINE) Deputy Director <i>Consumer Rights Protection Center of Latvia</i> https://www.ptac.gov.lv/en</p>	
10:30-11:00	<p>Main issues to be discussed:</p> <ul style="list-style-type: none"> ✓ Ecodesign and energy labeling requirements ✓ Product register – EPREL ✓ Methods for market surveillance ✓ Energy labels in on-line shops

	<ul style="list-style-type: none"> ✓ Information activities ✓ Joint action in EU on market surveillance of energy labeling and ecodesign-EEPLIANT3 <p>Q&A</p>
11:00-11:30	<i>Coffee break, networking</i>
<u>3. Green Hydrogen – prospects and challenges</u>	
<p>Murman Margvelashvili Founder and Board member <i>World Experience for Georgia, WEG</i> http://weq.ge/en Associate Professor <i>Iliia State University</i> https://iliauni.edu.ge/en/</p>	
11:30-12:00	<p>Main issues to be discussed:</p> <ul style="list-style-type: none"> ✓ Low Carbon Hydrogen in the future energy system ✓ Hydrogen production - Hydrogen palette ✓ Electrolyzers– status and prospects ✓ Hydrogen transportation and storage ✓ Hydrogen use in sectors of economy ✓ Global trends and regional perspectives of Hydrogen <p>Q&A</p>
<u>4. Horizon Europe – prospects and challenges</u>	
<p>Natalia Shatirishvili (ONLINE) Lead Researcher <i>World Experience for Georgia, WEG</i> http://weq.ge/en Former National Contact Point of EU Research and Innovation Framework Programme “Horizon 2020” and “Horizon Europe” in Georgia</p>	
12:00-12:30	<p>Main issues to be discussed:</p> <ul style="list-style-type: none"> ✓ Overview of the European Framework Programme "Horizon Europe" (programme structure, funding, topics, etc.) ✓ Rules and algorithm of actions to take part in the “Horizon Europe” programme ✓ Georgia’s experience in the previous framework programme “Horizon 2020” and the current programme “Horizon Europe” ✓ Review of statistics on the participation of Central Asian countries in the “Horizon Europe” and “Horizon 2020” programmes <p>Q&A</p>
12:30- 13:30	<i>Lunch</i>